

CONTENTS

VOLUME 9, ISSUES NOS 1-6

VOLUME 9 ISSUE 1

JANUARY-FEBRUARY 1999

Restoring Aquatic Ecosystems: An Overview: <i>C. L. J. Frid and S. Clark</i>	1
An Evaluation of Artificial Reef Structures as Tools for Marine Habitat Rehabilitation in the Maldives: <i>S. Clark and A. J. Edwards</i>	5
Restoration of Temperate Marine and Coastal Ecosystems: Nudging Nature: <i>S. J. Hawkins, J. R. Allen and S. Bray</i>	23
The Restoration of Mud Flats Invaded by Common Cord-grass (<i>Spartina anglica</i> , CE Hubbard) using Mechanical Disturbance and its Effects on the Macrobenthic Fauna: <i>C. L. J. Frid, W. U. Chandrasekara and P. Davey</i>	47
Recovery of Macrobenthic Communities after Maintenance Dredging in the Blyth Estuary, north-east England: <i>M. P. Quigley and J. A. Hall</i>	63
Restoring Shores Impacted by Colliery Spoil Dumping: <i>N. Barnes and C. L. J. Frid</i>	75
Saltmarsh Erosion and Management of Saltmarsh Restoration: The Effects of Infaunal Invertebrates: <i>R. G. Hughes</i>	83
Functional Analysis and Restoration of Mediterranean Lagunas in the Mancha Húmeda Biosphere Reserve (Central Spain): <i>M. Florin and C. Montes</i>	97
Vertical Movements by Planktonic Cyanobacteria and the Translocation of Phosphorus: Implications for Lake Restoration: <i>R. M. Head, R. I. Jones and A. E. Bailey-Watts</i>	111
Sulphate and Bicarbonate as Key Factors in Sediment Degradation and Restoration of Lake Banen: <i>E. Brouwer, J. Soontjens, R. Bobbink and J. G. M. Roelofs</i>	121
Restoration of Afforested Upland Streams—What are we Trying to Achieve?: <i>M. Dobson and H. Cariss</i>	133
A Catchment-Scale Approach to the Physical Restoration of Lowland Rivers: <i>D. M. Harper, M. Ebrahimzadeh, E. Taylor, S. Dickinson, O. Decamp, G. Verniers and T. Balbi</i>	141
Use of 'Functional Habitats' to Link Ecology with Morphology and Hydrology in River Rehabilitation: <i>J. Kemp, D. M. Harper and G. A. Croas</i>	159

VOLUME 9 ISSUE 2

MARCH-APRIL 1999

The Application of Biogeographical Zonation and Biodiversity Assessment to the Conservation of Freshwater Habitats in Great Britain: <i>M. Palmer</i>	179
Quantifying Macroinvertebrate Taxon Richness and Abundance in Open and Forested Pool Complexes in the Sutherland Flows: <i>V. Standen</i>	209
Major Long-Term Changes in the Ecology of the Ythan Estuary, Aberdeenshire, Scotland: How Important are Physical Factors?: <i>D. Raffaelli, P. Balls, S. Way, I. J. Patterson, S. Hohmann and N. Corp</i>	219
The Impact of Encroachment and Bankside Development on the Habitat Complexity and Supralittoral Invertebrate Communities of the Thames Estuary Foreshore: <i>M. J. Attrill, D. T. Bilton, A. A. Rowden, S. D. Rundle and R. M. Thomas</i>	237
BOOK REVIEWS	249
Forthcoming Papers	253

VOLUME 9 ISSUE 3

MAY-JUNE 1999

Effect of Habitat Fragmentation on the Macroinvertebrate Infaunal Communities associated with the Seagrass <i>Zostera Marina</i> L.: <i>M. T. Frost, A. A. Rowden and M. J. Attrill</i>	255
Instream Mesohabitat Biodiversity in Three Groundwater Streams under Base-Flow Conditions: <i>P. J. Wood, P. D. Armitage, C. E. Cannan and G. E. Petts</i>	265
Bird Communities and Extended Biotic Index (EBI) in some Tributaries of the Tiber River: <i>A. Sorace, P. Colombari and E. Cordiner</i>	279
Habitat Characterization of Texas Wild-Rice (<i>Zizania Texana</i> Hitchcock), an Endangered Aquatic Macrophyte from the San Marcos River, TX, USA: <i>J. Poole and D. E. Bowles</i>	291
SHORT COMMUNICATION	
A Census of Maerl Beds in Irish Waters: <i>S. De Grave and A. Whitaker</i>	303
VIEWPOINT	
Protection, Conservation and Biological Diversity in the North East Atlantic: <i>J.-P. Ducrottoy</i>	313
BOOK REVIEWS	327

VOLUME 9 ISSUE 4

JULY-AUGUST 1999

The Past, Present and Future of Llangorse Lake—a Shallow Nutrient-rich Lake in the Brecon Beacons National Park, Wales, UK: <i>C. A. Duigan, S. Reid, D. T. Monteith, H. Bennion, J. M. Seda and J. Hutchinson</i>	329
The Quaternary History of Llangorse Lake: Implications for Conservation: <i>F. M. Chambers</i>	343

- An Assessment of Recent Environmental Change in Llangorse Lake using Palaeolimnology:
H. Bennion and P. Appleby 361

- The Archaeological Importance of Llangorse Lake: an Environmental Perspective: *M. Redknap
 and A. Lane* 377

REGULAR PAPERS

- Effects of Boat Anchoring in *Posidonia Oceanica* Seagrass Beds in the Port-Cros National Park
 (North-Western Mediterranean Sea): *P. Francour, A. Ganteaume and M. Poulain* 391

VIEWPOINT

- Coastal Zone Conservation and Management: a Biological Indicator of Climatic Influences:
J. R. Lewis 401

- BOOK REVIEWS 407

VOLUME 9 ISSUE 5

SEPTEMBER-OCTOBER 1999

- Recent Land-Use Change in the Catchment of Llangorse Lake, Brecon Beacons National Park,
 Wales: *J. Dickinson and R. Teeuw* 411

- Studies of the Water Quality and Algae of Llangorse Lake: *K. Benson-Evans, R. Antoine and
 S. Antoine* 425

- The Impact of Human Activity on the Aquatic Macroflora of Llangorse Lake, South Wales:
P. M. Wade 441

REGULAR PAPERS

CASE STUDIES AND REVIEWS

- Changes in the Distribution of Epifaunal Reefs and Oysters during 130 Years of Dredging for
 Oysters in Foveaux Strait, southern New Zealand: *H. J. Cranfield, K. P. Michael and I. J. Doonan* 461

- Sponge-Fishing, Disease and Farming in the Mediterranean Sea: *R. Pronzato* 485

VOLUME 9 ISSUE 6

NOVEMBER-DECEMBER 1999

- Issues in Aquatic Conservation: Past, Present, and Future. An Introduction: *P. J. Boon and
 J. M. Baxter* 495

- The Future Now: Prospects for the Conservation of Riverine Biodiversity in Asia: *D. Dudgeon* 497

- Ecological Investigations in the Russian Arctic Seas: Results and Perspectives: *A. Tsyban* 503

- Conservation Strategies in the Mediterranean: *G. Cognetti* 509

- Conservation of Wetlands in Drylands: A Key Global Issue: *W. D. Williams* 517

- The Conservation of Brackish-Water Systems: Priorities for the 21st Century: *R. S. K. Barnes* 523

New Horizons—New Species? The Invertebrate Fauna of Unexplored Aquatic Habitats in Scotland: <i>P. S. Maitland</i>	529
British River Macrophytes—Perceptions and Uses in the 20th Century: <i>N. T. H. Holmes</i>	535
The Conservation Value of Artificial Habitats in the Marine Environment: A Case Study of the Artificial Rocky Shores of The Netherlands: <i>W. J. Wolff</i>	541
Perspective on the Use of Phototrophs to Monitor Nutrients in Running Waters: <i>B. A. Whitton</i>	545
Three Challenges for the Science of River Conservation: <i>S. J. Ormerod</i>	551
Conservation of Running Waters: Beyond Riparian Vegetation and Species Richness: <i>L. D. Corkum</i>	559
Experimental Ecology and Coastal Conservation: Conflicts on Rocky Shores: <i>S. J. Hawkins</i>	565
Biodiversity and Ecosystem Functioning in Conservation of Rivers and Streams: <i>T. P. Moulton</i>	573
Managing Fisheries within Ecosystems: Can the Role of Reference Points be Expanded?: <i>S. J. Hall</i>	579
Fisheries Exploitation and Marine Habitat Conservation: A Strategy for Rational Coexistence: <i>P. G. Moore</i>	585
A Risk Assessment Framework for the Reduction of Cetacean By-Catches: <i>J. Harwood</i>	593
Seamounts, Sanctuaries and Sustainability: Moving towards Deep-Sea Conservation: <i>P. K. Probert</i>	601
Coastal-Marine Protected Areas: Agonies of Choice: <i>G. C. Ray</i>	607
Changing Academic Culture: Interdisciplinary, Science-Based Graduate Programmes to meet Environmental Challenges in Freshwater Ecosystems: <i>C. M. Pringle</i>	615
Coastal Wetlands and Climate Change: The Role of Governance and Science: <i>C. M. Finlayson</i>	621
20:20 Vision—Issues Influencing Recent Changes and Future Prospects for River Management and Conservation in England and Wales: <i>P. J. Raven</i>	627
Conservation in the Sea—Looking Ahead: <i>A. D. McIntyre</i>	633
The Seventh Age of Freshwater Conservation—A Triumph of Hope over Experience?: <i>B. Moss</i>	639
AUTHOR INDEX	645
KEYWORD INDEX	647
VOLUME CONTENTS	i

